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2280 HV Rijswijk (ZH)  
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FAX (070) 3 40 30 16

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Müller-Boré & Partner  
Patentanwälte  
Grafinger Strasse 2  
81671 München  
ALLEMAGNE

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Zeichen/Ref./Réf. D 2517EU - er	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 98102929.1-2103-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire DAI NIPPON PRINTING CO., LTD.	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:      NONE

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





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# EUROPEAN SEARCH REPORT

Application Number

EP 98 10 2929

## DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	KATO T ET AL: "Solid-state CP/MAS carbon-13 NMR studies of naphthalene-based thermotropic polyesters and model compounds" J. POLYM. SCI., PART A: POLYM. CHEM. (JPACEC, 0887624X); 1989; VOL. 27 (5); PP. 1447-65, XP002103112 Univ. Tokyo; Inst. Ind. Sci.; Tokyo; 106; Japan (JP) * particularly page 1448, compound 3b and page 1451, table I *	2, 4, 8	C07C43/20 C07C251/24 C07C321/24 C07C15/20 C07C69/63 C07C245/08 C09K19/32 G02F1/13 G03G5/06 H01L51/00
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The present search report has been drawn up for all claims

1  Place of search  THE HAGUE	Date of completion of the search  25 May 1999	Examiner  Beslier, L
<b>CATEGORY OF CITED DOCUMENTS</b>		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



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The present search report has been drawn up for all claims

1	Place of search	Date of completion of the search	Examiner
	THE HAGUE	25 May 1999	Beslier, L

### CATEGORY OF CITED DOCUMENTS

- X : particularly relevant if taken alone
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- A : technological background
- O : non-written disclosure
- P : intermediate document

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	<p>WONG M S ET AL: "Novel approach in molecular design for quadratic nonlinear optics (NLO): Design, syntheses and characterizations of new classes of dipolar and multi-dipolar molecules" MCLC S&amp;T, SECT. B: NONLINEAR OPT. (MCLOEB, 10587268);1995; VOL.9 (1-4); PP.181-6, XP002103114 I.P.C.M.S.;CNRS; Strasbourg; F-67037; Fr. (FR) * in particular page 182, compounds of formula 1 *</p> <p>---</p>	1,2,5	
A	<p>FR 2 551 561 A (TOYO INK MANUFACTURING CO.) 8 March 1985 * particularly page 8, line 18 *</p> <p>---</p>	1,2,5	
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A	<p>WO 96 00208 A (BASF AG) 4 January 1996 * the whole document *</p> <p>---</p>	1,2,5	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
P, X	<p>FUNAHASHI M ET AL: "FAST AMBIPOLEAR CARRIER TRANSPORT IN SMECTIC PHASES OF PHENYLNAPHTHALENE LIQUID CRYSTAL" APPLIED PHYSICS LETTERS, vol. 71, no. 5, 4 August 1997, pages 602-604, XP000699625 * the whole document *</p> <p>-----</p>	1,3,5-7, 9-22	
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1	Place of search  THE HAGUE	Date of completion of the search  25 May 1999	Examiner  Beslier, L
CATEGORY OF CITED DOCUMENTS		<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>	
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 10 2929

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